

ABSTRACT

The present inventors succeeded in cloning the CDT genes of *C. coli* and *C. fetus*, which were previously unknown, and in determining their sequences. In addition, the inventors also developed specific primers and primers common to the two species by comparing the CDTs of *C. jejuni* and *C. fetus*. Furthermore, the inventors demonstrated that these primers were applicable to multiplex PCR that simultaneously allows for the rapid and convenient determination of the presence of *Campylobacter* CDT and identification of species, and that they can also be used in PCR-RFLP-based typing.